



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Rudolf Schwarte  
Serial Number: 09/700,439  
Filed: November 13, 2000  
For: DEVICE AND METHOD FOR DETECTING  
THE PHASE AND AMPLITUDE OF ELECTROMAGNETIC WAVES  
Art Unit: 2882  
Examiner: Chih-Cheng Glen Kao  
Attny Docket No: 752-00

AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This is a response to a non-final Office Action dated October 22, 2003, to which a response to which response was due by January 22, 2004. Applicant requests a two-month extension of time to respond pursuant to 37 CFR 1.136. The requisite fee is attached pursuant to 37 CFR 1.17. Kindly amend the above-identified, patent application as follows:

In the Claims:

Amend the claims 1-27 as follows.

1.(Third amended) An apparatus for detecting the phase and amplitude of electromagnetic waves, comprising at least two modulation photogates (1, 2) which are sensitive to the electromagnetic waves (photosensitive), and accumulation gates (4, 5) which are associated with the modulation photogates, said accumulation gates (4,5) being not photosensitive, and electrical connections for the modulation photogates (1, 2) and the accumulation gates (4, 5), so that the latter can be connected to a reading-out device, and the former can be connected to a modulating device which increases or reduces the potential of the